

RELOADING DIES

348 Winchester

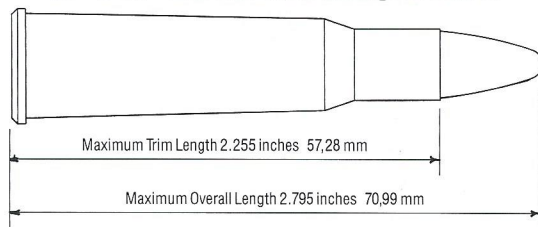
LEE PRECISION, INC.



RELOADING DIES

348 WINCHESTER

CE2821

◆ **Guaranteed Accuracy or Your Money Back** ◆

USE 3.4cc MEASURE FOR ALL LOADS LISTED BELOW

BULLET WEIGHT IN GRAINS	POWDER TYPE & MANUFACTURER	GRAINS POWDER	APPROX. VELOCITIES
200	IMR 4895	46.7	2213
	IMR 3031	44.6	2266
	Winchester 760	51.0	2157
	IMR 4064	45.6	2084
200-220	IMR 4895	46.7	2093
200-250	IMR 4064	45.6	2074

BULLET
DIAMETER.348 inches
8.84mm

RIFLE PRIMERS

LARGE

DO NOT use bullets heavier than listed for each type of powder as they will cause dangerous pressures.

USING THE LOAD DATA AT LEFT

- ▶ In the left column, find weight of the bullet to be loaded.
- ▶ Select powder listed behind bullet weight chosen. Choice may be influenced by powder availability, velocity or favorite brand.
- ▶ The next column shows grains of powder to be dispensed with one level dipper of powder.
- ▶ Be sure your measure is **3.4cc**.
- ▶ Push measure through the powder only once.
- ▶ Give it a light shake sideways to level it off.
- ▶ Do not add more or shake it down.

PARTS LIST

Sizing Die, complete	\$12.00
Decapper	3.00
Decapper Clamp	1.50
Lock Ring	1.00
Bullet Seating Die, complete	12.00
Adjusting Screw	1.50
Bullet Seater Punch	2.00
Shell Holder	3.98
Powder Measure	.60
Charge Table & Instructions	1.00
Round Die Box	2.50

WHEN ORDERING PARTS, SPECIFY FOR 7/8x14 DIE SETS AND INDICATE CALIBER.

LEEPRECISION, INC.

4275 HIGHWAY 'U' HARTFORD WISCONSIN 53027

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IT IS YOUR RESPONSIBILITY TO ENSURE THE SAFETY OF YOUR LOADS



RELOADING DIES

COMPLETE INSTRUCTIONS FOR LEE 2-DIE SETS

① Prepare Your Cases

Inspect your cases while lubricating them. Discard all cases with split necks, indications of head separation, or other defects. Wipe on a thin film of Lee Case Lubricant with your fingers. Fingers are the best way of lubing a case as any grit that could damage the die is wiped away. **Be sure to lube the inside of the case neck with a cotton swab.** The case may be immediately sized, or you can let the lube dry.

Lee Lube can be thinned with up to four parts water for easier application and greater economy. If thinned, let the case dry before sizing.



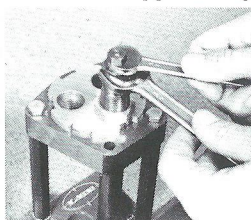
IMPORTANT If for any reason you do not use Lee Resizing Lubricant, be very careful not to contaminate the powder or primers. All other brands are oil base and they have serious, detrimental effects on powder and primers. Because of the stickiness, they also attract grit that can damage the die. Lee Resizing Lubricant costs less and is so superior that it is worth the effort to insist upon it, or order some from the factory.

② Full Length Sizer



Screw the full length sizer in until it touches the shell holder. Then lower the ram and screw the die in $\frac{1}{4}$ to $\frac{1}{2}$ turn more. Raise the ram and tighten the lock ring finger tight.

The decapper is retained by a collet. Should it be overstressed by an obstruction; it simply slides up without damage. To reset, loosen the decapper clamp and position the decapper flush with clamp end and retighten. **Considerable torque may be necessary.** A $\frac{1}{2}$ " & $\frac{3}{4}$ " wrench are required.



Stuck Case

If a case is not lubricated, the rim will be pulled off and the case remains stuck in the die. If this happens, loosen—but do not remove decapper clamp. Use a drift punch and large hammer (1-lb. or larger) to tap lightly on the decapper rod and drive the stuck case free. Lee Precision will remove a stuck case for \$4.00.

④ Charge The Case

If you use the Lee Powder Dipper, select the proper load from the charge table. **Make certain you have the correct dipper.** Never use a heavier bullet than listed for any given powder charge, as dangerous pressures will be generated. All of the listed loads are approximately 10% under maximum, or the equivalent of a starting load if you use a scale.

Extensive load data is usually supplied at no charge by all of the powder manufacturers. See your dealer.

(SEE LOAD DATA ON REVERSE SIDE)



CAUTION: After charging the case, the only operation that should be done is to seat the bullet. Never try to seat a primer after the powder has been added.

⑤ Bullet Seating Die

Adjusting Screw



Screw the bullet seating die in until you feel it touch the case mouth. If no crimp is desired, back the die out $\frac{1}{2}$ turn. If a crimp is desired, turn the die in $\frac{1}{4}$ turn. The bullet must have a crimping groove or it cannot be crimped. Cases must be trimmed to the same length to provide a uniform crimp.

Bullet depth is adjusted by screwing the adjusting screw in or out to suit. Bullets should be seated deep enough to work through the guns action. (See maximum overall length on reverse side).

CAUTION: Seating bullets excessively deep will reduce the case capacity and increase the pressure.

Guaranteed Accuracy Or Your Money Back!

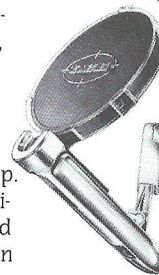
We guarantee no other brand of full length sizing dies, regardless of price, will load ammunition with less bullet runout than LEE RIFLE DIES or your money will be refunded.

For a full refund, return your dies to the factory with your dated sales slip and data showing comparison test with the name of the other brand.

LEE PRECISION, INC. 4275 HIGHWAY U HARTFORD WISCONSIN 53027

③ Prime

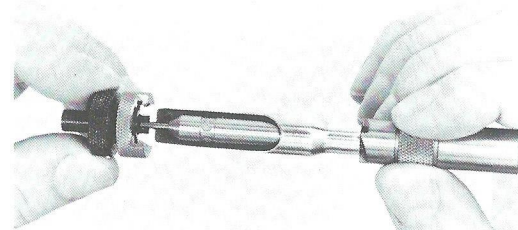
Prime the case according to the instructions supplied with your press. For maximum accuracy, speed and convenience, we suggest the use of a Lee Auto-Prime. With this tool, you never touch the primers from box to shell. Built in primer flipper turns them right side up. Primers are automatically fed and installed just as fast as you can place the shell in the holder.



The Auto Prime is hand held and requires special, but inexpensive shell holders.

- Keep powder away from heat and open flames—don't smoke.
- Store powder and primers in their original containers in a cool, dry place.
- Read and follow instructions exactly.
- Be sure you have the correct powder measure and bullet of the correct weight; any mix-up can be dangerous.
- Exercise care and common sense at all times.
- Always wear safety glasses while reloading or shooting.
- Do not use more powder than recommended.
- Do not use a heavier bullet than recommended.
- Do not seat the bullet deeper than normal.
- Do not use magnum primers unless using a slow burning ball powder.

After a few loadings, cases tend to get longer. This could be dangerous if the case were so long that it would pinch the bullet in the end of the chamber. Pressure high enough to damage the gun could result. The simplest way to check the case and trim to the correct safe length is with the Lee Case Trimmer.



Notice how the case length gauge passes through the case and stops against the lock stud and trims every case to the correct length. After trimming, chamfer the inside and outside of the case mouth with the Lee Chamfer Tool.

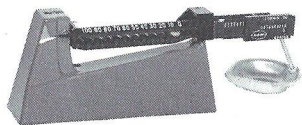
CAUTION

Ammunition reloading can be dangerous if done improperly and should not be attempted by persons not willing and able to read and follow instructions exactly. Children should not be permitted to reload ammunition without strict parental supervision. Always wear safety glasses when reloading and shooting. Ammunition loaded with these tools and data should only be used in modern guns in good condition. We do not accept responsibility for ammunition loaded with these tools or data as we have no control over the manufacture and storage of components or the loading procedure and techniques. Primers and gun powders, like gasoline and matches, can be dangerous if improperly handled or misused.

GUARANTEE

LEE RELOADING PRODUCTS ARE guaranteed not to wear out or break from normal use for two full years or they will be repaired or replaced at no charge if returned to the factory. Any Lee product of current manufacture, regardless of age or condition will be reconditioned to new, including a new guarantee, if returned to the factory with payment equal to half the current retail price.

Lee Safety Powder Scale



Perfect for weighing charges

It is the easiest to use, most accurate and sensitive powder scale. Made exclusively to weigh gun powder.

The Lee Safety Scale has magnetic dampening and an approach to weight lifter enclosed within its heavy metal base. The exclusive safety beam has a stainless steel razor edge for maximum sensitivity.

You can be sure that the Lee Safety Scale will retain its original factory accuracy for as long as it is not physically broken.

LEE SAFETY POWDER SCALE 90681



Powder Measure Kit 90100

15 powder measures with slide card showing capacity of each dipper with all current powders. Over 1,300 charges are listed. Use load data supplied free from powder manufacturers and follow instructions included with Powder Measure Kit.



Rifle Charging Die 90194

Fits all cases from the 22 Hornet through the 308 Winchester. Use with a Powder Funnel or use with the Lee Auto-Disk Powder Measure for fully automatic case charging. The cartridge case pushes against the drop tube to accurately and automatically dispense the charge.